

"Dedicated to Public Service"

THE RADIATOR



W6RHC
IRL #8170
Echolink #322788



<http://www.gearsw6rhc.org>

P.O.Box 508 Chico, CA 95927-0508

Founded: August 13 1939

75 YEARS

April, 2015

Coming Events

O.A.R.S. GENERAL MEETING

Second Friday, every month, at 7:00 p.m., at St. Paul's Church Parrish Hall, 1430 Pine St., Oroville

G.A.R.S. Second Wednesday, each month, General Meeting, Lutheran Church Hall, Artois; 7:00

G.E.A.R.S General Meeting, third Friday each month, at Butte County Search and Rescue Building, Chico. Doors open at 5:30 p.m.

Butte A.R.E.S. MEET: fourth Friday, monthly, at Butte County Search and Rescue Building.

FCC EXAMS - GEARS VEC

First Sunday of every even numbered month.
At the Butte County Search and Rescue Building.
Written test at 2:00 p.m. For information or pre-registration call Tom Rider-W6JS, (530) 893-9211.

Club Events:

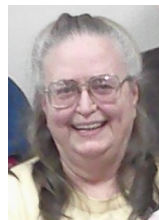
News and items of interest
GEARS Calendar...all inside.

Website: www.gearsw6rhc.org



Picture courtesy EVARC

Happy Easter!



The Prez' Says: Lots of small things to report:

If you missed the meeting on the 20th, you missed a great presentation by Joe Herman WA6CAL from the O.A.R.S. club. Not that I can see myself with radios like those in the near future. Others might have more opportunity. Thanks to Gene for making arrangements for the show.

We have reserved the site on Platt Mountain for this year's Field Day. Expect to get a call from Gene Wright W6ZRT recruiting for band teams to take turns on Field Day. Please volunteer for some time either operating a station or logging for another operator. We had a real hoot last year at Tom's and there is no reason not to repeat again this year. The club will have food items for the BBQ on Saturday night and Tom has already spoken up to do the cooking. We will still pot-luck the balance of dinner that night and have yet to consider breakfasts. We will be doing set-up on Friday and need overnight watchers. I will make arrangements for a portable "Blue Room" in the future. If you can think of anything else, give me a call. 530-877-5939.

Continued on page 2

Your Board of Directors has decided to hold their meeting at 6:00 pm on the night of our regular monthly meeting. This will get us out of the building at a more timely hour. All club members are welcome to sit in on the meeting if interested.

We have filled most of the slots for the Wildflower Bike Ride on April 26, 2015. Still have to get volunteers for the Spring Valley School site. Two are needed and I will have info for those operators about the best sites for antennas to reach the Comm unit in Chico. I also need a couple of ride-alongs for SAG wagons. You will need to have a hand-held and strong antenna or maybe a mag mount to connect to for better signal. Remember, if you work the Wildflower, you get a Tee shirt and dinner that night plus an invitation to the volunteers' party later this summer. I do need to contact the Sheriff's Reserve to be sure they will man a Comm Van at the Fairground.

I'm sorry that last month's report didn't make it to the newsletter. Sent it off into the airwaves headed for Dorothy's computer and it got lost. Can't find in any file folder and it didn't make it to the other end either. I can't even remember what I wrote about. Thank you Dorothy for covering for me with the St. Paddy's Day greeting.

And a big Thank You also to Gene Wright for replacing the defunct flourescent fixture at the repeater shack. We now have an LED fixture to light things up if services are needed.

I've run down on the stuff to cover in this month's report. May propagation smile on you for the next few months. I know I'm getting some great numbers on HF.

Anna KG6ZOA



Joe

Herman-WA6CAL –demonstrated Remote Station Access at GEARS February meeting, showing how an operator with the right equipment, may connect to his home radio system, visually and orally, from distant locations. Mr. Herman is willing to provide copies of his program material. Several members did request the material. Eventually his material re: specifics involved in Remote Station Access, will be available.

From John Stettler-ki6dwp-Section PIC the following item he received from: Todd Root, KE6GCV" <ke6gcv@live.com

"Came across this while surfing around FEMA's Training website. It became available in February of this year! I think it's an awesome certification to obtain! I know I will be going through the course.

In reading the overview, it's geared toward voluntary agencies and how they're involved in emergency management operations. It would appear you can take the course online, including the final exam. Please keep in mind, however, it does say that it takes approximately ten (10) hours to go through the entire course. But I would think it depends on your ability to read and participate in the course material.

Without further ado, here is the link to the independent study course: [IS-288.A: The Role of Voluntary Organizations in Emergency Management.](#)"

Stephen McDermott –w6akf– has developed a procedure to obtain electronically a copy of your FCC license. He has our Board of Directors "Beta Testing" it for him, and will publish his "how to" version when he has received a "do pass".

MINUTES OF GENERAL MEETING for Mar 20 2015

PROGRAM: Remote Operation; presented by Joe Herman .

ATTENDANCE: All officers present.

ANNOUNCEMENT:

Gordon Browning's wife passed away two month ago.

Kent Jorgensen will be bringing pieces of the Hooker Oak tree to the April meeting for anyone who wants some.

Ron Osborn of O.A.R.S. has a tower free for the taking model 354, by anyone. Also O.A.R.S. will be auctioning an MFJ269c analyzer will all the bells and whistles.

VEC: None.

MINUTES: Approved the minutes from Feb meeting.

TREASURER:

Is still being worked out. Report was accepted.

OLD BUSINESS:

Still waiting for parts for the home brew buddypole.

Still need another auditor to help Evelyn but the audit has been put on hold until issues with the books have been worked out. Evelyn still needs someone to help.

NEW BUSINESS:

Field Day location this year will be at Platt Mountain with a possibility of Tom Rider's as an alternate.

Wildflower will be having their first meeting on Monday the 23rd. There are still openings left.

ADJOURNMENT: 20:49 hr.

Dale Anderson,
Secretary

**Board of Directors Meeting: Mar 20 2015**

ATTENDANCE All officers present.

Board of Directors meeting will be held at 6 pm in the future.

MEMBERSHIP APPLICATIONS: None

OLD BUSINESS:

Bills of consideration none.

Upcoming major expenses none.

The repeater shack fluorescent light is dead. Gene got a new LED light for shack and is donating the cost.

NEW BUSINESS:

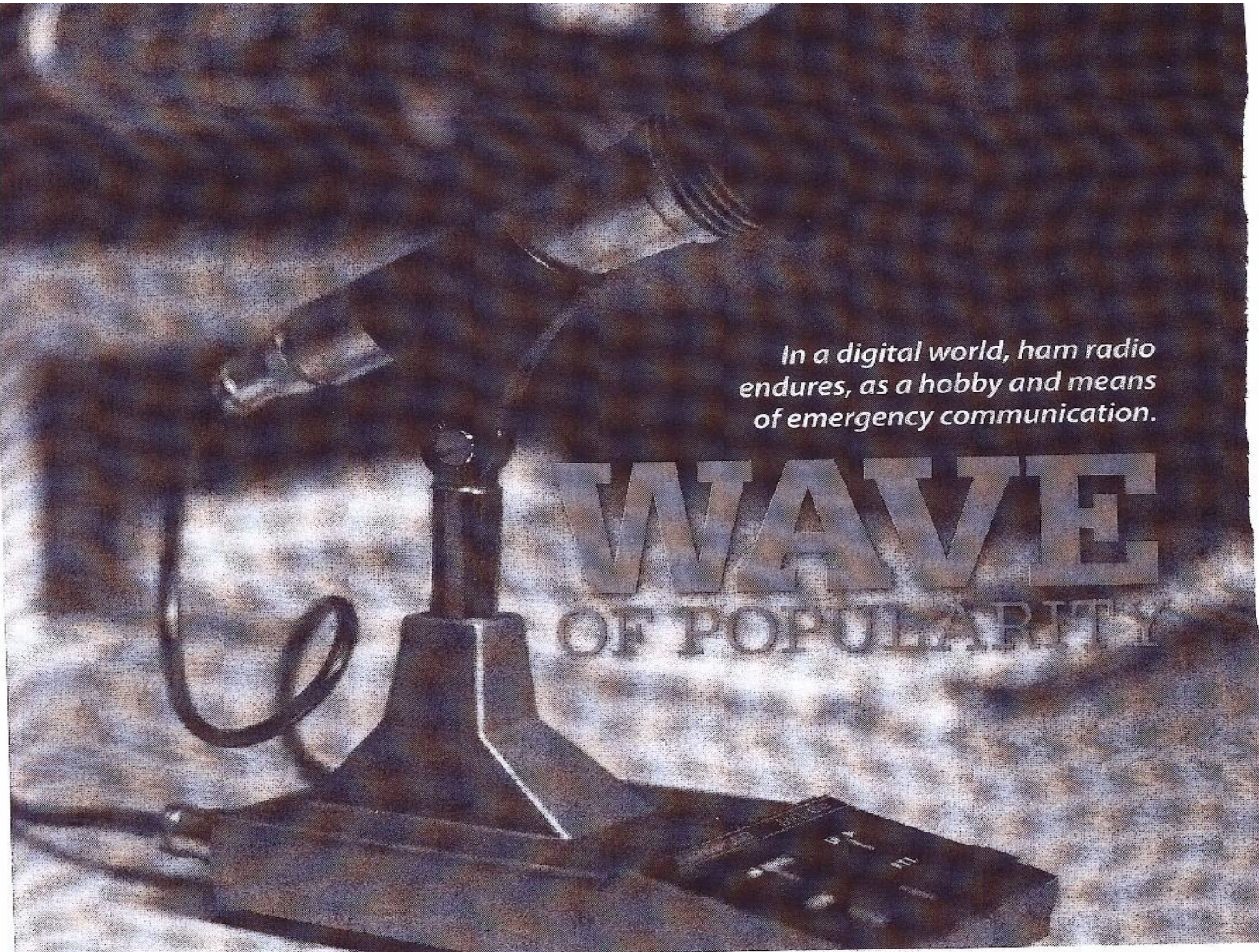
Gene training classes: No trainees yet.

Effective February 17, the FCC no longer routinely issues paper license documents to Amateur Radio applicants and licensees. The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one, but what arrives in the mail now will be printed on plain white recycled paper, instead of the more distinctive stock the FCC had been using until recently. All of this is part of the FCC's efforts to streamline procedures and save money.

Steven has come up with a procedure to obtain an online license. It will be placed in the bulletin.

ADJOURNMENT: 21:31 hr.

Dale Anderson,
Secretary



In a digital world, ham radio endures, as a hobby and means of emergency communication.

WAVE OF POPULARITY

BY DON KEITH

What comes to mind when you hear the term “ham radio”? Maybe, when you were a kid, it was the fellow with the tall tower in his backyard that was blamed for causing squiggly lines on neighborhood TV screens. Or the guy at work with antennas bristling from his car who spends his lunch hour eating a sandwich and talking on a radio. Or maybe you’ve read a news story about “ham” operators helping in the aftermath of a natural disaster.

Whatever your impression of the hobby, you may have no idea how dynamic and fun ham radio is, or just how crucial it can be when other forms of communication fail. And it’s a perfect fit – both

nationally and at local posts – with many American Legion missions, including civil defense.

Every time you send a text on your phone, watch a TV show or use Wi-Fi at a coffee shop, you use technology developed in part by early hams – an old railroad telegraphers’ term for “inexperienced operator” – experimenting with newly invented radio in their basements and attics. And throughout amateur radio’s 100-year history, these cellar alchemists have helped create and refine innovations in the field. Meanwhile, others have helped save lives and ease human suffering during catastrophic events such as 9/11 and Hurricane Katrina.

Along the way, they've formed a tight-knit community that has a heck of a good time.

In the early 1900s, with radio in its infancy, its possibilities appealed to a group of early adopters. They took the work of scientists and pioneered the first practical uses of wireless technology. Meanwhile, world governments saw the need to formalize regulation of this new communication medium to prevent on-air chaos. In the United States, the Federal Radio Commission was created for that purpose. Most regulatory agencies recognized the contributions of those early hams and saw them as a willing and valuable resource. They designated portions of the radio spectrum for amateurs to continue to experiment and provide backup communications as a public service.

Fast forward a century, and the hobby is still as vibrant as ever. This surprises some people, who assume that smartphones, Facebook, online chat rooms and texting have made a pastime like ham radio obsolete. Yes, communicating with others is the ultimate goal of amateur radio enthusiasts, and there are plenty of ways to do that these days. But there is so much more to the hobby than simply talking to another person.

It can be difficult to convey the attraction to others, but there is a certain magic in connecting with another person using a radio station that you put together yourself, possibly one you designed and built from scratch. There's a thrill that comes from bouncing a signal off the atmosphere – maybe even off a satellite, the surface of the moon or the tail of a comet – using newly developed digital modes of communicating, and conversing with someone who shares that passion, whether he's down the street or on the far side of the globe.

Amateur radio is not for everyone. But for those who are interested and want to join in, it can be an almost perfect avocation, offering opportunities for learning, experimenting or combining the pastime with other interests.

Campers, whether in RVs or tents, take radios with them for companionship and emergency situations when other means of communication are unavailable. Some hams hike to mountaintops or venture to remote islands with tiny, low-power transceivers and portable antennas, putting those locations on the air for others around the world to contact. Many use radio to control model aircraft, boats or robots, or as payloads in weather balloon launches. A wide range of special-interest groups meets regularly on the amateur radio bands in what are called "nets," discussing such subjects as antique cars or gardening. There are nets, too, for

veterans to connect on the air and talk about their experiences.

Those with technical flair learn, design, build and try out new ideas. Right now, satellites designed and built by amateurs are orbiting the earth and can be accessed by other hams using relatively simple gear. Computer technology is a big part of amateur radio today, and the latest advances in combining digital content with radio frequency waves put today's hobbyists on the cutting edge just like their predecessors a century ago. Others pay homage to their forerunners by restoring and repairing antique radio gear and returning it to the airwaves. For many, amateur radio has been the gateway to careers in engineering, electronics and communications.

However, technical aptitude is not required to join the fun. The hobby offers plenty for those not electronically inclined. For example, many enjoy what they term "radiosport," using their radios and the airwaves for spirited competition and contacting as many other stations as they can in a set period of time. "Fox hunting" – searching for a hidden transmitter – is a popular activity. Others work toward awards for contacting as many fellow hams as they can in countries around the world.

Of course, many amateur radio enthusiasts simply enjoy having conversations with a group of friends or someone new each time they fire up their stations. You never know who you might encounter on the ham bands. That leisurely chat might be with a music or TV star, a member of Congress, the king of a European country, an ice fisherman on a lake in Manitoba, a Nobel Prize winner, a missionary on a South Pacific island, a group operating from an isolated chunk of glacier in the Antarctic or even an astronaut in outer space. Most crewmembers aboard the International Space Station are licensed hams and frequently converse with school groups and other individuals back on Earth.

READY TO SERVE With all this fun, competition and camaraderie, it is important to note that amateur radio has a serious purpose, too. When the Federal Radio Commission – now the Federal Communications Commission (FCC) – created the amateur radio service, it made it clear why hams deserved vast slices of the radio spectrum. One, as mentioned, was to allow them to continue experimenting and contributing to the field. The other was to provide a pool of trained operators with working radio stations to assist in providing emergency communications.

But have cellular technology, satellites and the like negated the need for amateur radio operators in emergencies? We only have to consider recent events – wildfires in the West, a volcanic eruption in Japan, Superstorm Sandy in the Northeast, the terrorist bombing at the Boston Marathon – for examples of normal communication infrastructure becoming overwhelmed or failing completely. In each case, hams were called upon, and they were ready to serve. When Hurricane Katrina devastated the Gulf Coast in 2005, the first structures to topple were cellphone towers. When tornadoes ripped through Alabama in 2011, hams were on the ground, first as trained “storm spotters” helping track the storms for the National Weather Service. Then they operated around the clock for weeks afterward, assisting relief operations.

From the American Red Cross to The Salvation Army to the Federal Emergency Management Agency (FEMA), numerous organizations rely heavily on amateur radio groups. The American Legion has been closely aligned with the hobby since the 1930s and signed a statement of affiliation with the Department of Homeland Security (DHS) in 2006. That agreement was reaffirmed last year in “Disaster Preparedness and Response for American Legion Posts,” a handbook published by the Legion. Also, at the 92nd National Convention in Milwaukee in 2010, the Legion adopted Resolution No. 134, which urges posts and departments to assist DHS efforts in local communities – including disaster preparedness, which dovetails perfectly with amateur radio and its purpose.

But it doesn’t take a major disaster to demonstrate the value of amateur radio. Hams regularly provide communications for bicycle races, charitable running events and civic festivals. Operators are often involved in rescues of injured hikers or climbers, boats in jeopardy at sea or groups endangered by sudden weather. As we know, cellphones do not always work. Hams have plenty of experience in communicating under marginal conditions and regularly employ those skills to help others.

HOW TO GET STARTED A good first step to learn more about amateur radio is the website of the American Radio Relay League (ARRL) at www.arrl.org. ARRL publishes books, study guides and other materials to help beginners get started and gain the most from the hobby.

A license is a prerequisite, and that requires passing an examination. You only need a basic knowledge of radio theory, operating practices and

FCC rules. Many study guides and online teaching programs are available. While the material requires some study, it is not daunting. Children younger than 10 have passed the test and received their licenses.

At one time, would-be amateur radio licensees were also required to pass a Morse-code proficiency examination. That is no longer the case. Morse code is still used by ham radio operators alongside 21st-century modes of communication, but it is no longer necessary to know the dots and dashes to obtain a license.

The test is administered by volunteer examiners. The ARRL website can be used to find nearby amateur radio clubs and exam sessions. A Google search for “amateur radio club” plus your city or state can also be a good guide to locate active clubs or groups near you. Many clubs offer free or inexpensive license-exam preparation classes. When you receive your license – and your own unique radio call sign – clubs can also help you put together a station and get on the air, so that you can start helping in public service and emergency communications.

If there’s already a club or a station at your American Legion post, the active amateurs there can tell you more about the hobby and how it can further the Legion’s mission.

If you know a post member who is already a licensed ham, suggest that he or she contact The American Legion Amateur Radio Club (TALARC) and join if not already a member. The club can offer ideas for how each post can participate, from conducting exam preparation classes to starting a ham radio station at the post for use by licensed Legionnaires.

The hobby of amateur radio continues to evolve, providing unique opportunities for education, experimentation, fellowship and public service. It fits well with other interests. It is also an enjoyable pastime that can be pursued no matter a person’s age or health.

Most of all, amateur radio is simply a lot of fun while offering the chance to give back to your community and country. That is why so many hams, particularly veterans, consider their hobby to be just about perfect. 📻

Don Keith is a former award-winning broadcaster and the best-selling author of more than a dozen books, including “Riding the Shortwaves: Exploring the Magic of Amateur Radio.” He has been an active amateur radio operator since he was 13. His call sign is N4KC. Visit his website at www.donkeith.com.

SEARCH YOUR SHACK!!

For usable radio items which you really no longer need or use, to bring to the annual GEARS auction which is the MAY 15TH meeting!

You may donate items outright, and secure a letter from the secretary for the value of the item (what it sold for) as a tax deductible donation. Alternatively, you may offer the item for sale, proceeds to yourself, and the club will take 10% of the sales price as compensation.

Caveat, if what you bring does not sell, you must take it home.

WILDFLOWER

As of this writing there remain six (6) volunteers needed.

Two (2) for Spring Valley School Rest Stop.

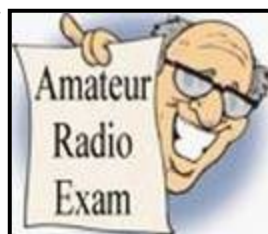
One (1) individual to serve as Remote Relay.

Three (3) for Sag Wagon Ride Along-See Prez Says article for details, and see the also chart on page 12.

John Stettler, ki6dwp-Section PIC, and American Legion member, sent the article titled **'WAVE OF POPULARITY'**(see pages 4,5,6). He wrote, "...I thought you might find (it) useful to distribute to your members and perhaps for public information purposes. ..the article is from the American Legion magazine. Use of the article must be accompanied by the following permission, which we have been given..." *"Reprinted with permission of the American Legion Magazine © March, 2015. www.legion.org:"*

"By the way (John continued) for those not aware of it, the American Legion has a amateur radio club for its members and there probably are Legion members in your club. They might be a source of an article for your newsletter or a program for a club meeting. Just a thought".

Thank you John, !



Caps embroidered with your name and your call sign may be ordered by contacting WA6ZRT -Gene Telephone #530 -345-3515

**VEC TESTING
2:00 p.m.**

**April 5, 2015
June 7, 2015**

**AT BUTTE COUNTY
SEARCH & RESCUE
BUILDING**

**All Classes
Technician, General and
Extra.**

**Contact: W6JS
Tom Rider
530-893-9211**

BULLETIN

THE GOLDEN EMPIRE AMATEUR RADIO SOCIETY, Inc., Chico, Ca. March 9,

"The Ham's Wide World" will be televised Sunday March 15, 1970 at 12 Noon on Channel 12, Chico.

This half-hour film dramatizes the exciting hobby of amateur radio in its many varied forms with appeal for young and old alike. The film was produced by the American Radio Relay League, the national association of radio amateurs, and portrays the vital role played by radio amateurs relaying communications in emergency situations similar to recent hurricane Camille. Actual footage of the great Alaskan earthquake and of California forest fires is featured. The public service efforts of amateurs in relaying messages for servicemen overseas are seen during a visit to the personal amateur station of Barry Goldwater in his Arizona home. "The Ham's Wide World" presents sequences in amateur stations from tiny Pitcairn Island, to Mexico, to California and the film looks in on amateurs who have put together their own TV station, explored the airwaves via teletype and even designed and constructed their own satellites!

Charles Bird, K6HTM
Secretary

P. S. Radio Club members in Chico, Paradise, Durham, Willows, Orland, Corning, Paskenta, Red Bluff and Chester assisted in making this program possible.

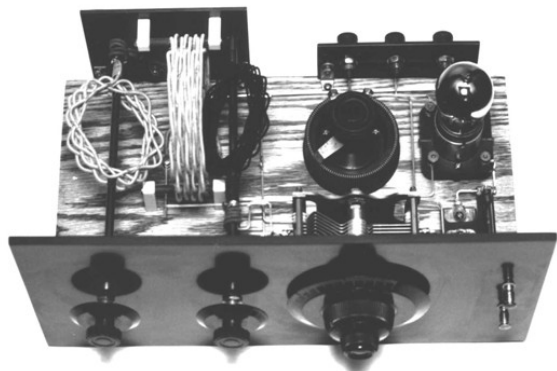
This bulletin can be trimmed to size for posting at work. The purpose of this bulletin is to notify you that the above program can be viewed in this area AND to help build a viewing audience by your personal contacts, phone calls, cards, etc. Your Club members contacted the TV station with the idea; your Club is affiliated with the ARRL who produced the film.

K6HTM

at fact: the film was shown by accident in place of "Twilight Zone" on Sat. March 14. "Twiligh

NU6JV-1924- TUBE OF THE MONTH (From N6JV Tube Museum articles)

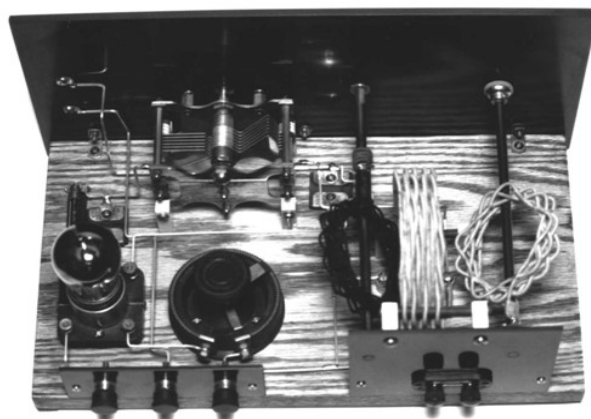
I always wanted to construct a "state-of-the-art" amateur radio station of the type that was used in 1924 when the use of "shortwave" was just beginning. The low loss regenerative receiver and the "loose coupled" hartley oscillator transmitter were taken from QST magazine articles. The broadcast receiver was one of the most modern designs of the day.



The 1BGF Tuner, as it is called, was developed in 1924 by radio amateur 1BGF and the design was featured in QST Magazine of that year. The circuit is a "Armstrong" regenerative design. All components were selected from those available in 1924. The large coils are wound from double cotton covered solid copper wire. They are wound in a basket

weave fashion to reduce capacity and allow the receiver to operate in the "short wave" band. This type of construction is known as "low loss".

The potentiometer beside the tube is to set the filament voltage. A grid leak is located in front of the tube. The large knob is a gear reduction tuning type that drives a high quality variable capacitor. The center control adjusts the feedback and the end control adjusts antenna coupling.

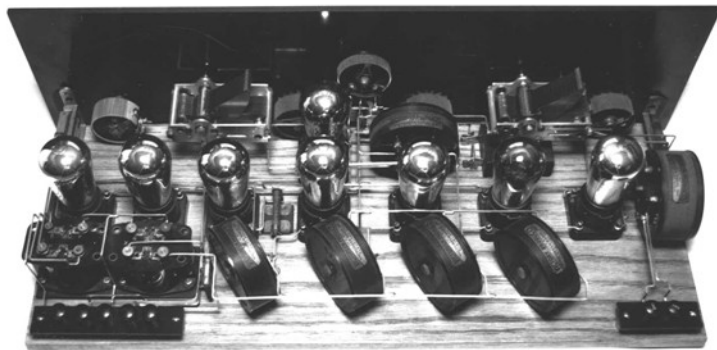


The transmitter is a hartley oscillator circuit with a "50 watt" tube. A 211 or 203A may be used. The coil is made from copper tubing that is supported by solid glass rods to reduce vibration. The low loss capacitor is driven by a "velvet vernier" dial. A single turn link is used to feed the antenna without de-stablizing the circuit.



CONTINUED PAGE 10

NU6JV—1924



The broadcast receiver is a Victoreen Superheterodyne. It came as a set of coils and a set of instructions. The Victoreen company only made the coils. The R.F. coils (4) cost \$7.00, the Oscillator coil (1) cost \$5.50 and the Antenna Coupler (1) cost \$3.50. Not cheap in 1924. You had to make everything else yourself. I found an old set that was made in that period (1924) but it was poorly made and not in good condition. I had an original set of instructions so I rebuilt it with new wood, front panel and some of the square wire. Most of the original components were reused. Each tube has a rheostat in its filament to set the gain of the stage. The last audio stage was activated when you plugged in the speaker to the upper audio jack. Very hard to tune as all the controls had to be adjusted for a clean signal. Any given station may have several different settings of the frequency controls. You had to keep a chart.

SPACE TRIVIA—NOT SO TRIVIAL!



Launched Thursday, March 13, 2015, the four probes of the Magnetospheric Multiscale mission (MMS) will build a picture of how the magnetosphere works, and give insight into the whole(?) universe in the process.

SATURDAY APRIL 4 LUNAR ECLIPSE: Sky watchers on the Pacific side of Earth can see a brief but beautiful lunar eclipse on Saturday morning, April 4th. The Moon will turn red, and possibly turquoise, too, as the lunar disk passes through the shadow of our planet. Totality lasts for less than 5 minutes, so it is important to be outside at the right moment. Check <http://spaceweather.com> for viewing times and more information

Should we weep for amateur radio?

By Dan Romanchik, KB6NU

On an amateur radio mailing list that I subscribe to, one fellow wrote, "I weep for the state of amateur radio in the US, since this dispatch is apparently necessary..." He then pointed to an article on the ARRL website that reminded hams that while their local time may be switching to daylight time, Universal Coordinated Time did not change (<http://www.arrl.org/news/view/change-local-clocks-this-weekend-but-not-utc>).

The implication, of course, was that we have dumbed down ham radio so much that a reminder like this was necessary.

This thread went on and on, eventually garnering 17 different replies. Before it morphed into a discussion of whether or not DST is a good idea in the first place, the replies echoed the sentiment in the original e-mail:

"It's become a push button, nanny state world, what do you expect, competence?"

"We are truly in a time of appliance operating, not only in ham radio, but in practically every aspect of our lives. :-("

At first, I had the same reaction. I thought to myself, "How dumb are we getting in ham radio, if guys have to be reminded that UTC doesn't change when we switch to daylight savings time?" After thinking about this for a while, though, I've completely changed my mind on this.

I work with a lot of newcomers to amateur radio, and many of them just don't know how UTC works. This is not their fault—they just haven't had the opportunity to deal with UTC. What these old timers (old farts?) didn't realize is that the ARRL article is not directed at them, but at the newcomers to ham radio.

I'll even go one step further. It's easy for us old-timers to be dismissive of newcomers' lack of knowledge, and then complain that amateur radio is getting dumber, but knee-jerk reactions don't usually help anyone involved. A much better approach would be to roll up your sleeves and teach them something. The only way newcomers are going to get to be old timers like us is if we help them learn stuff like this.

KB6NU



May 1, 2 & 3, 2015

REGISTRATION IS OPEN!

ARRL Nevada State Convention at Boomtown Casino Hotel! Reno, Nevada

General Sessions \$25.00 Fri/Sat/Sunday Before April 30th. \$30.00 at the Door.

- As low as \$29.99 (plus tax) Special Hotel Rate at the Boomtown Casino Resort (book soon as rate and rooms are limited!)
- KOA RV Park starting at 27.99 with a store, pool and great views of the Sierra Nevada
- Friday Night BBQ at the Orchards
- Exhibitors & Ham Swap - Saturday
- Saturday Night Banquet (\$33.00)
- VE Examinations
- Special Events Station
- Cabela's located across the parking lot for those sports enthusiasts and much more.

Please visit <http://nvcon.org> for the latest information about the convention.

LOCATION	as of March 2015	Wildflower	REPEATER	T-Shirts
	Ham	Time		
9 TH AND Fir	Jim & Evelyn Weir	6:00 a.m.	GEARS	size
Bruce & Humboldt	Jim Matthews	6:00 a.m.	GEARS	
Humboldt & 32	Klaus Keil -kd6gte	5:50 a.m.	GEARS	
20 th & Bike Path	Arnott Smith	6:00 a.m.	GEARS	
		6:15 a.m.	GEARS	
Honey Run & Skyway	Carl Franke	6:45 a.m.	GEARS	
Lower Coutolenc	Scott Petersen	6:15 a.m.	GEARS	
Upper Coutelenc	Dale Anderson	6:20 a.m.	GEARS	
Rest Stop @ Stirling City	Lester Mikeworth	6:35 a.m.	GEARS/105	
Rest Stop @ Stirling City	Bessie Mikeworth	6:50 a.m.	GEARS/105	
Skyway & Pearson Road	Tim Wells	7:00 a.m.	GEARS/105	
Rest Stop & Honey Run	Tom Rider	6:15 a.m.	GEARS	
Spring Valley School Rest Stop		7:45 a.m.	GEARS/105	
Spring Valley School Rest Stop		7:45 a.m.	GEARS	
Durham-Pentz & Wheelock Road	Anna Horn	7:45 a.m.	GEARS/105	
Durham-Pentz & Wheelock Road	Bart?	7:45 a.m.	GEARS/105	
Coal Canyon & Wheelock Road	Bob Oden	8:00 to 12 .	GEARS/105	
Forbay Rest Stop	John Hursey	9:30 A.M.	GEARS /105	
Table Mountain Blvd	Dick Wolstenholm	8:00 a.m.	GEARS/105	
Cherokee Road	Steve McDermott	8:20 a.m.	GEARS/105	
Durham-Pentz Rest Stop	Stephen Wolske	8:20: AM	GEARS/105	
Durham-Pentz Rest Stop	Margie Wolske	8:20 a.m.	GEARS/105	
Ord Ferry – River Road	Michael Favor	8:30 a.m.	GEARS/105	
Ord Ferry – River Road	Kathy Favor	8:30 a.m.	GEARS/105	
Richdale Rest stop	Ron Osborne	9:00 a.m.	GEARS	
5 th St & Pine	Kent Jorgensen	8:30 a.m.	GEARS	
Remote Relay		9:30 a.m.	GEARS	
Sag Wagon		7:00 a.m.	GEARS	
Sag Wagon	John Post (as a ride along)	10:00 a.m.	GEARS	
Sag Wagon	Gene Wright (his vehicle)	8:00 a.m.	GEARS	
Sag Wagon		All Day	GEARS/105	
net control	Sheriff's com unit	All Day		

Sunday, April 5, 2015 June 7, 2015	2:00 p.m.	VEC—Exams	Butte Co. Search & Rescue Building 2591 Morrow Lane, Chico	Tom Rider-W6JS 530 893-9211
Wednesday April 8, 2015	6:00 p.m.	GARS-Glenn Glenn Amateur Radio Society General Meeting, & Amateur Radio Emergency Services	Lutheran Church Hall: 565 Main Street Artois	Albert Leyva- N6YCK 530-567-5979
Friday, April 10, 2015	7:00 p.m.	OARS Oroville Amateur Radio Society General Meeting	St Paul's Church Parrish Hall 1430 Pine Street Oroville	Gary Clark KF6EWO 530-534-7435
Friday April 17, 2015	Board of Directors Meet at 6:00 p.m. General Meeting at 7:00 p.m. Doors open 5:30 p.m.	GEARS Golden Empire Amateur Radio Society General Meeting	Butte County Search and Rescue Building 2591 Morrow Lane Chico	Anna Horn -kg6zoa 530-877-5939
Friday April 24, 2015	7:00 p.m.	Butte Co . ARES	Butte County Search & Rescue Building 2591 Morrow Lane Chico, CA	Scott Petersen KE6VUS 530-876-1526

WILDFLOWER
April 26, 2015

The GEARS Newsletter Staff:**Editor and Publisher**.....Dorothy Post**Printing & Distribution for snail mail:** Evelyn Weir**Website**...Stephen McDermott W6AKF

The Radiator is a monthly publication of the Golden Empire Amateur Radio Society (GEARS). It is the policy of the Editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio, of interest, and space is available. **Please send all submissions to the Editor – Dorothy Post by the last day of the month through the following medium: E-mail: dj@posthouse.us**

Club Officers: (Board of Directors)

PresidentAnna Horn –KG6ZOA

Vice President..... Scott Petersen-KE6VUS

SecretaryDale Anderson-KK6EVX

Treasurer.....Rick Hubbard –KI6VOS

Past PresidentGene Wright-WA6ZRT

Director..... Tom Rider-W6JS

Director.....Stephen McDermott W6AKF

Director.....Stephen Wolske-KF6HSS

Club Meetings**Board Meeting Third Friday 6:00 PM****General Meeting Third Friday 7:00 PM****GEARS Club Net****Tuesdays 8:00 PM 146.850 MHz-PL 110.9****GARS Club Net: Monday, 7:00 p.m. 147.105+Mhz PL 110.0****Sacramento Valley Traffic Net****Nightly 9:00 PM 146.850 MHz-PL 110.9****ARES Nets:****Butte Mondays 8:00 p.m. 145.280 MHz-PL 110.9****Yuba Sutter Thursdays 7:00 p.m. 146.085+MHz PL 127.3****Glenn Thursday 7:30 p.m. 147.105 MHz +PL 100.0****Other Nets:****Sac Valley Section Net—7:00 PM 2nd Wed of the month 146.085 MHz+PL 127.3****440 Wed. Night 8:00 PM Wednesday 440.650 MHz****Golden Bear 7:00 PM Daily 3975 kHz****Willie Net 8:00 PM Mondays 1930 kHz****ARISS (International Space Station) Uplink 144.490 MHz****Downlink 145.800 MHz****Hope-1 satellite: all uplinks are in 145Mhz band:****All downlinks are in 435Mhz band****California Traffic Net: 3906 KHz nightly @6:00 pm****For traffic listing & @6:30 p.m. for roll call.****Western Public Service System (WPSS) Net Time Change****Early Monitoring begins @ 1800 (6:00 p.m.)****Local PST or PDT****Roll Call Commences at 1930 (7:30 p.m.)****Local (PST or PDT)**

Valley of the Moon Amateur Radio Club
presents

HAMFEST 2015

Saturday, April 25th,
8 am to 12 noon

Featuring

- Swap Meet (indoor and outdoor spaces)
- Breakfast
- VE Testing Session
- Station Demos
- Fox Hunt

PLUS: special exhibit of vehicles that support emergency communications
Radio Control helicopter using 70cm.
On the air demo of FreeDV digital voice on HF



Sonoma Veterans Memorial Building
126 First Street West
Sonoma
For info: 707-935-7441

Admission: FREE
Breakfast: \$8.00
Talk-in on 145.350 MHz (88.5 pl)
for flyer and map: www.vomarc.org

